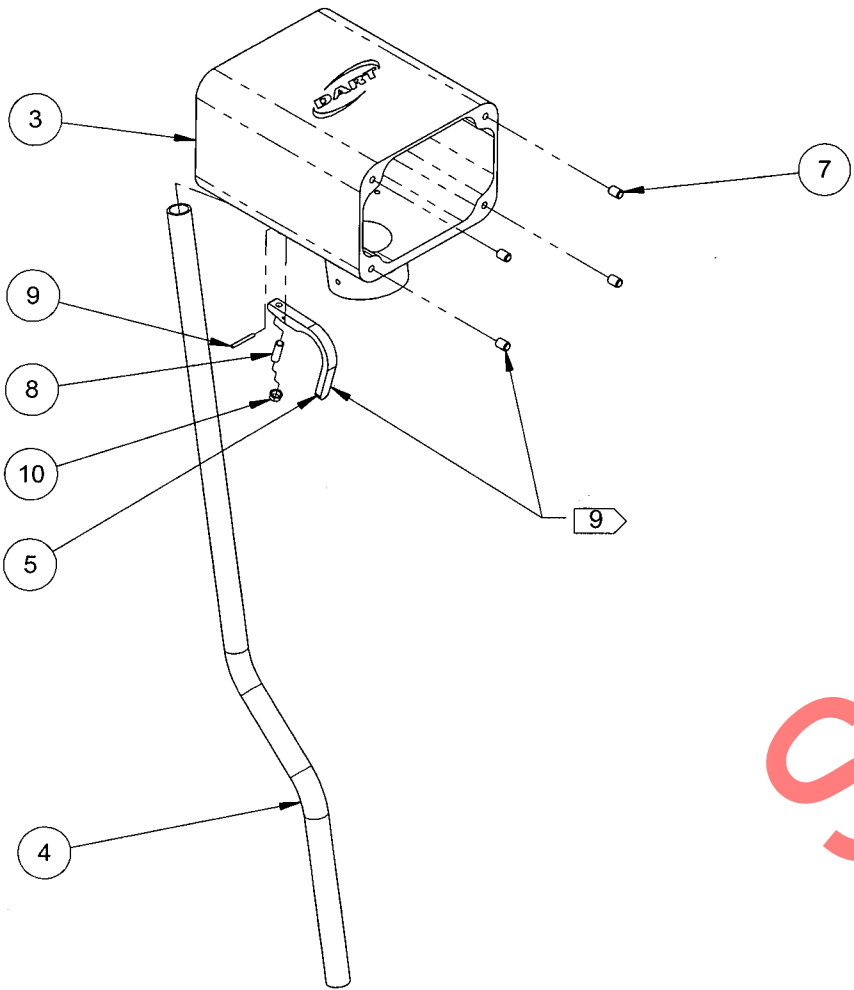
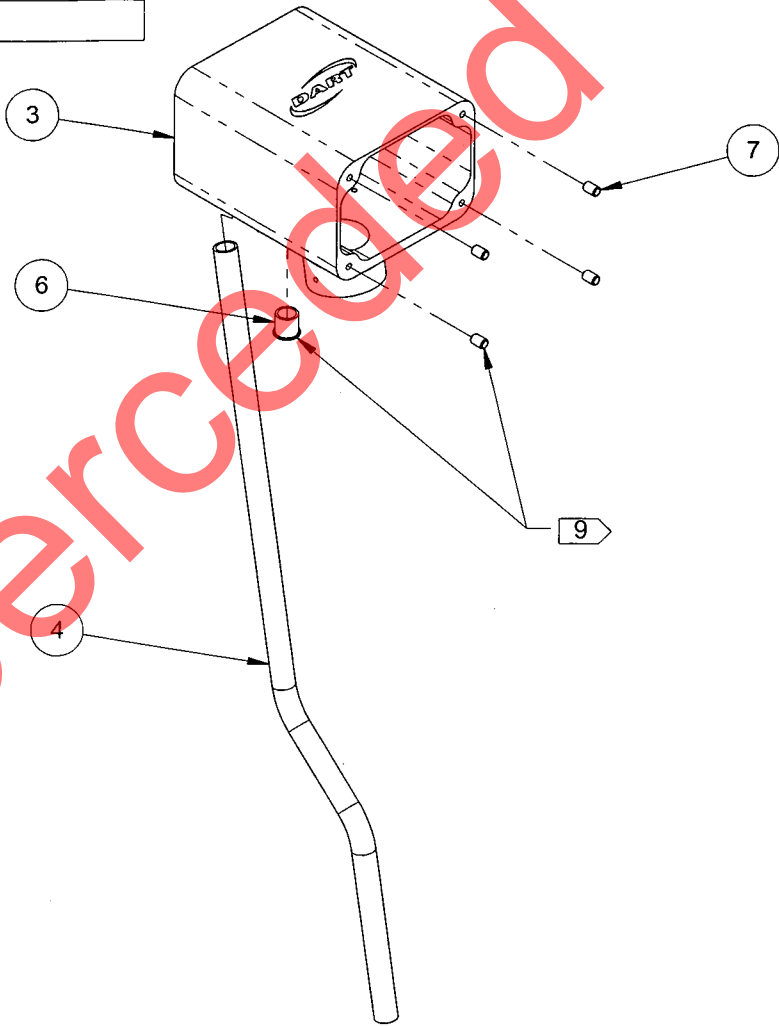


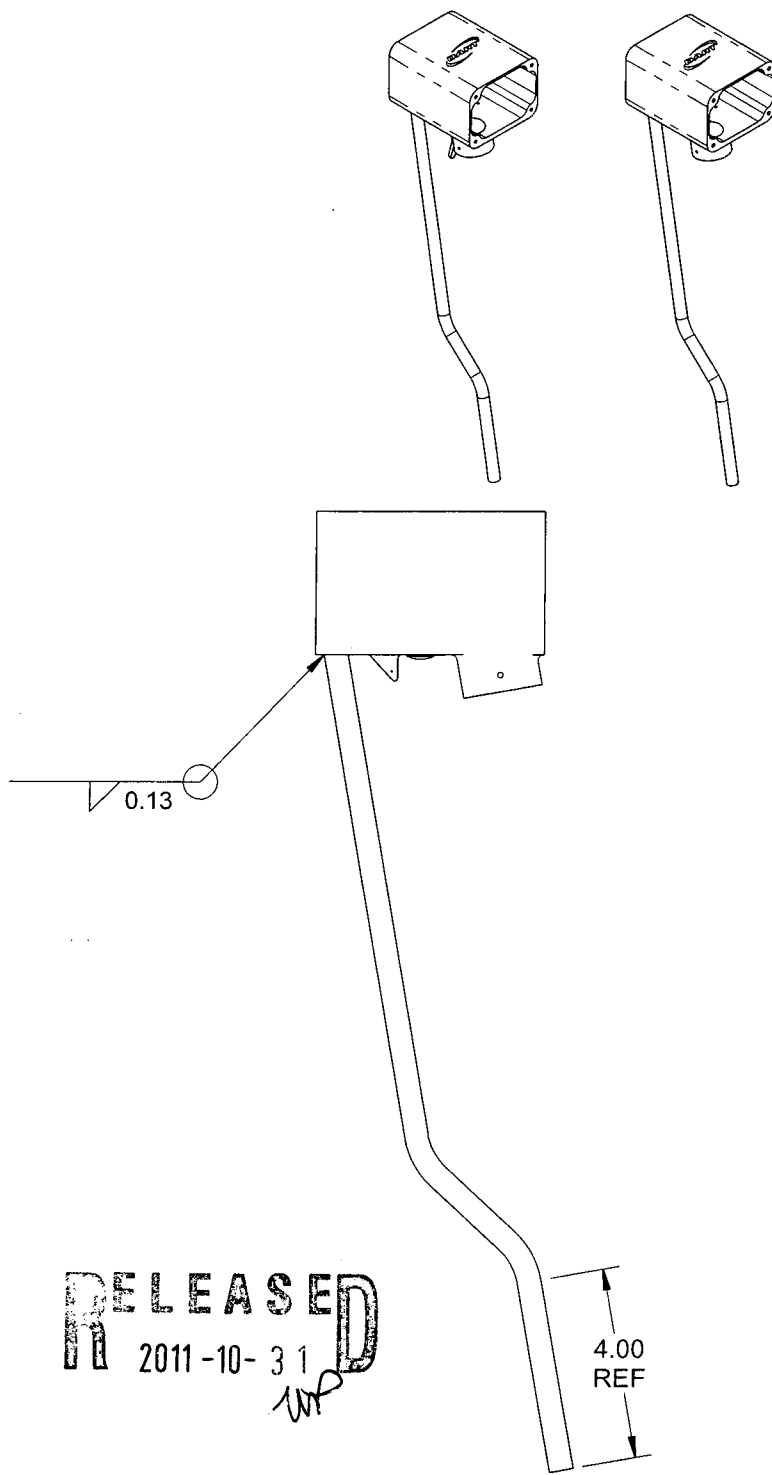
ITEM NO.	QTY. -041	QTY. -043	PART NUMBER	DESCRIPTION
1	X		D4410-041	CO-PILOT COLLECTIVE HEAD ASSEMBLY (205)
2		X	D4410-043	CO-PILOT COLLECTIVE HEAD ASSEMBLY (212)
3	1	1	D4410-1	CO-PILOT COLLECTIVE HEAD
4	1	1	D4410-7	CONDUIT
5	1		D4410-9	TRIGGER
6		1	D4413-1	DOME PLUG
7	4	4	90296A108	HELI-COIL INSERT (6-32 X 0.276)
8	1		AN565F8H7	SETSCREW
9	1		MS20253-1-65	PIN
10	1		MS21042L08	NUT



D4410-041 CO-PILOT COLLECTIVE HEAD ASSEMBLY (205)



D4410-043 CO-PILOT COLLECTIVE HEAD ASSEMBLY (212)

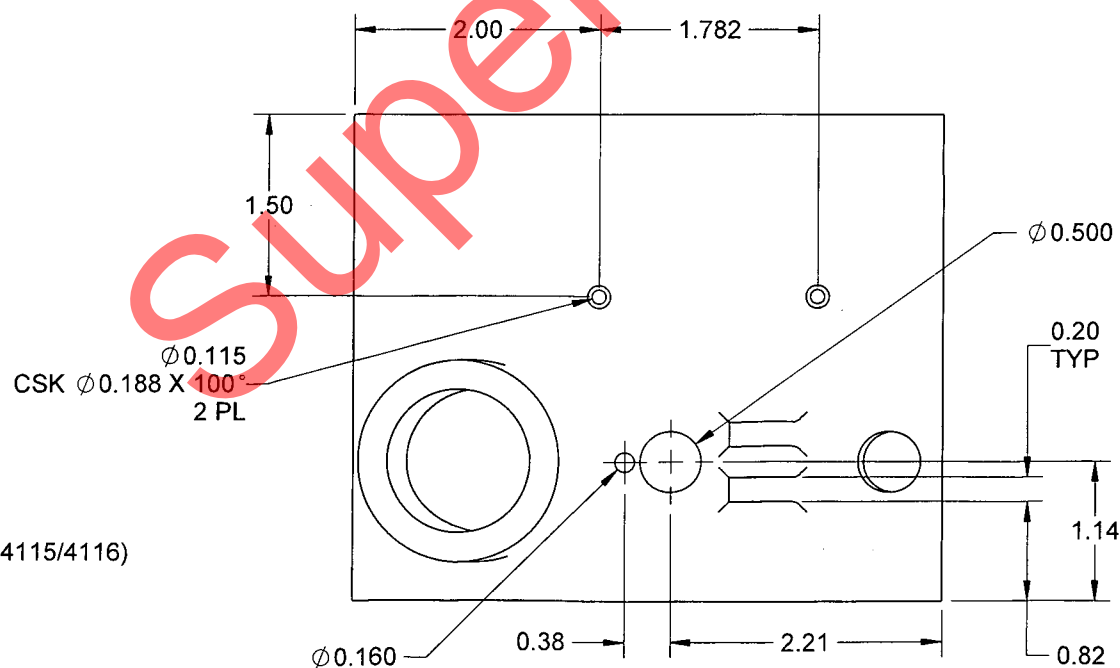
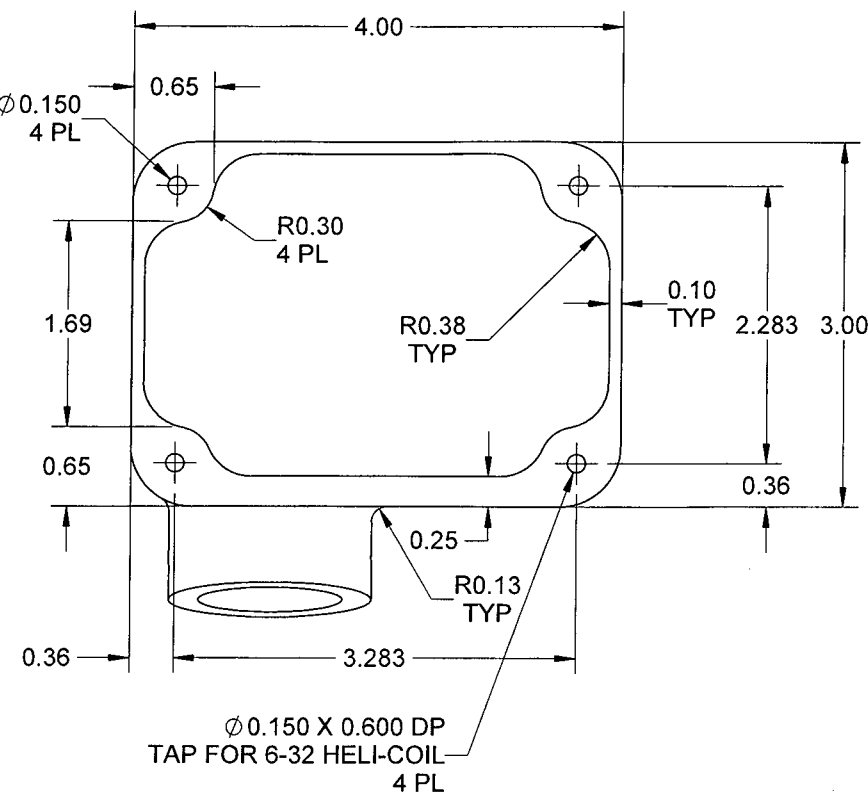
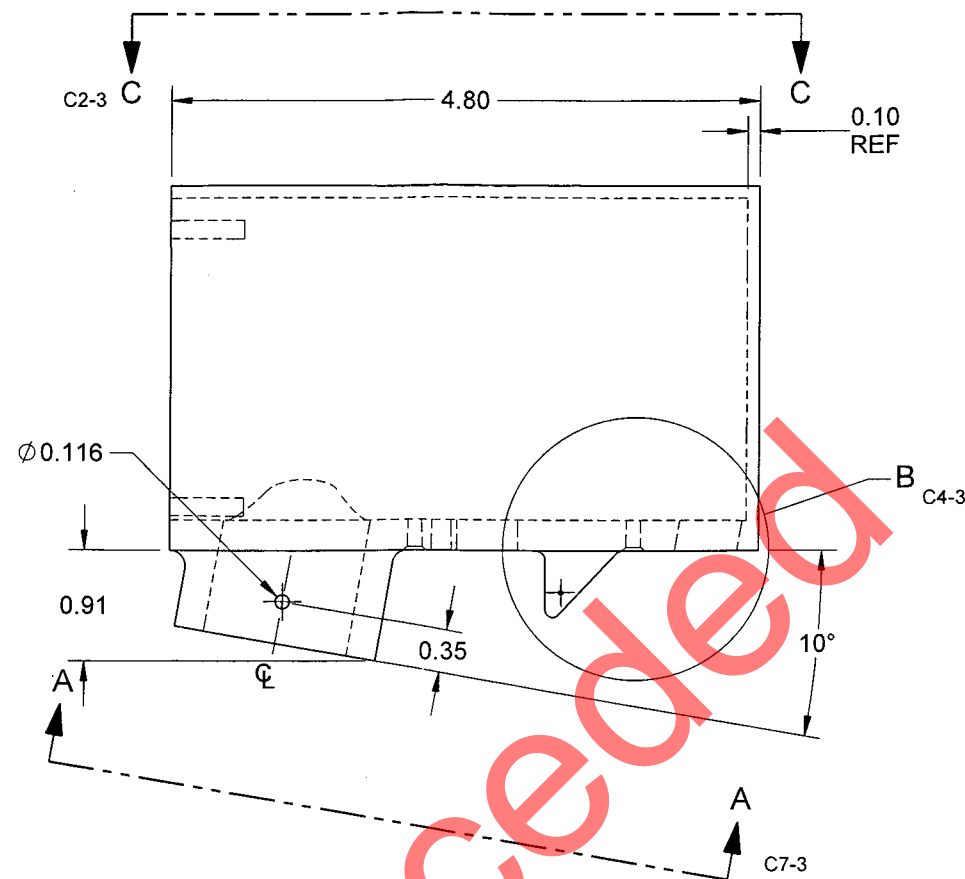
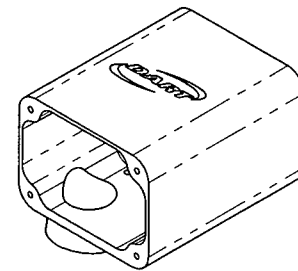


**D4410-043 WELDING DETAIL
(-043 SHOWN, -041 SIMILAR)**

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: ANODIZE BLACK PER MIL-A-8625F TYPE I OR IB OR IC OR II OR IIB CLASS 2 AFTER WELDING
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 1.64 lbs
- 8) WELDING: PER DART QSI 004.
- 9) INSTALL AFTER ANODIZING

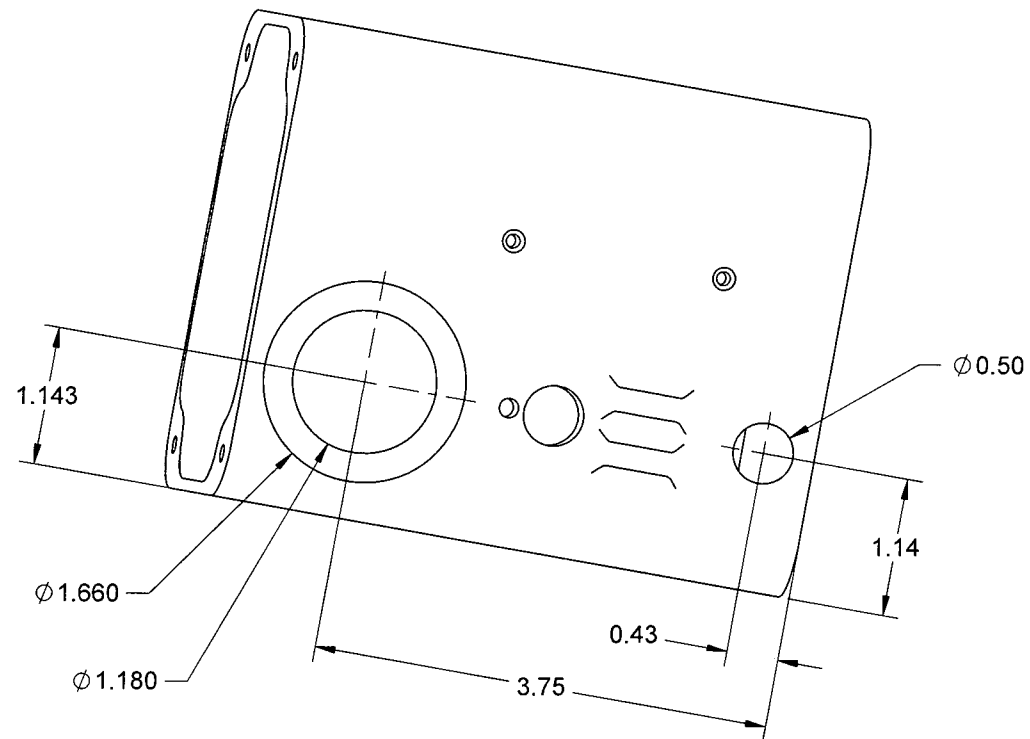
A	NEW ISSUE	DC	11.06.06
REV.	DESCRIPTION	BY	DATE
DESIGN	BC	DART AEROSPACE USA, INC. KENT, WA	
DRAWN	BC		
CHECKED	JS	DRAWING NO.	REV. A
MFG. APPR.	JS	D4410	SHEET 1 OF 7
APPROVED	WJ	TITLE	SCALE
DE APPR.	WJ	CO-PILOT COLLECTIVE HEAD	NTS
DATE	11.06.06	COPYRIGHT © 2011 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	



- NOTES:
- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221
REF. DART SPEC. M6061T6B4.000X3.000
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
 - 7) WEIGHT: 1.50 lbs

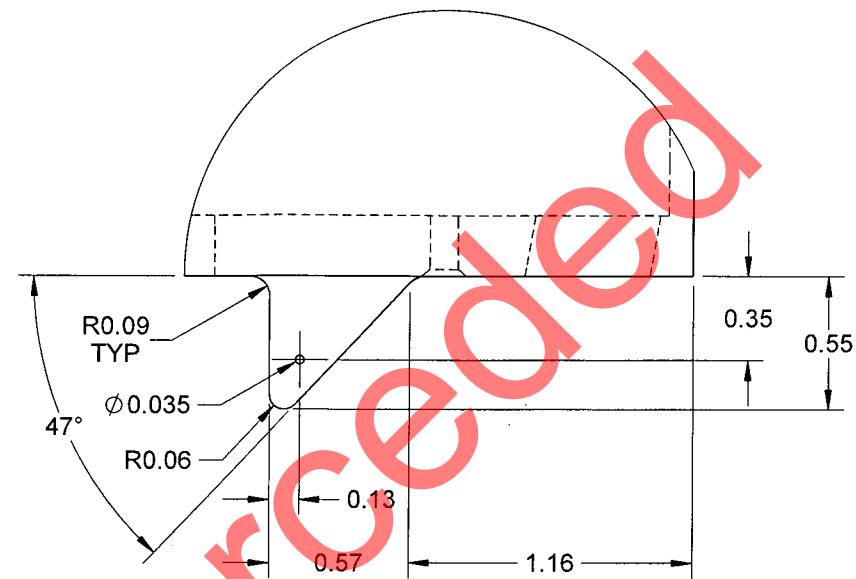
D4410-1 CO-PILOT COLLECTIVE HEAD

DESIGN	BC	DART AEROSPACE USA, INC.	
DRAWN	BC	KENT, WA	
CHECKED	BC	DRAWING NO.	REV. A
MFG. APPR.	BC	D4410	SHEET 2 OF 7
APPROVED	BC	TITLE	SCALE
DE APPR.	BC	CO-PILOT COLLECTIVE HEAD	NTS
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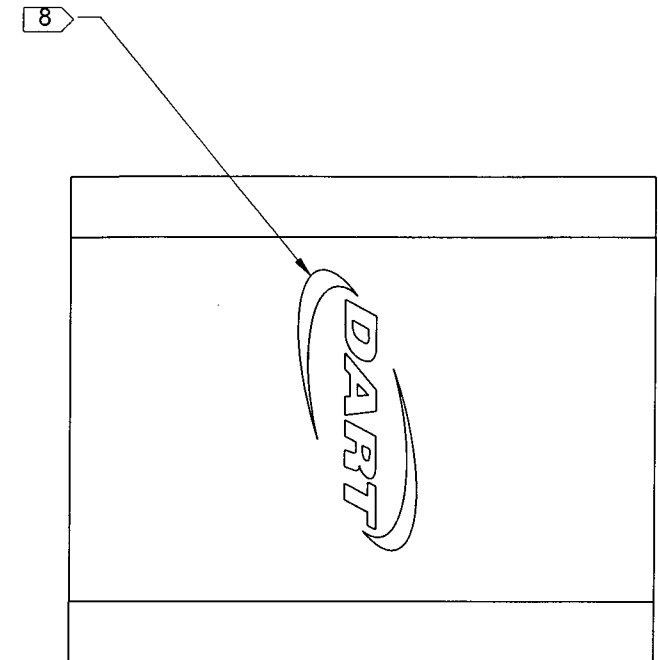
VIEW A-A
SCALE 1X

C5-2



DETAIL B
SCALE 2X

C4-2



VIEW C-C
SCALE 1X

D4-2

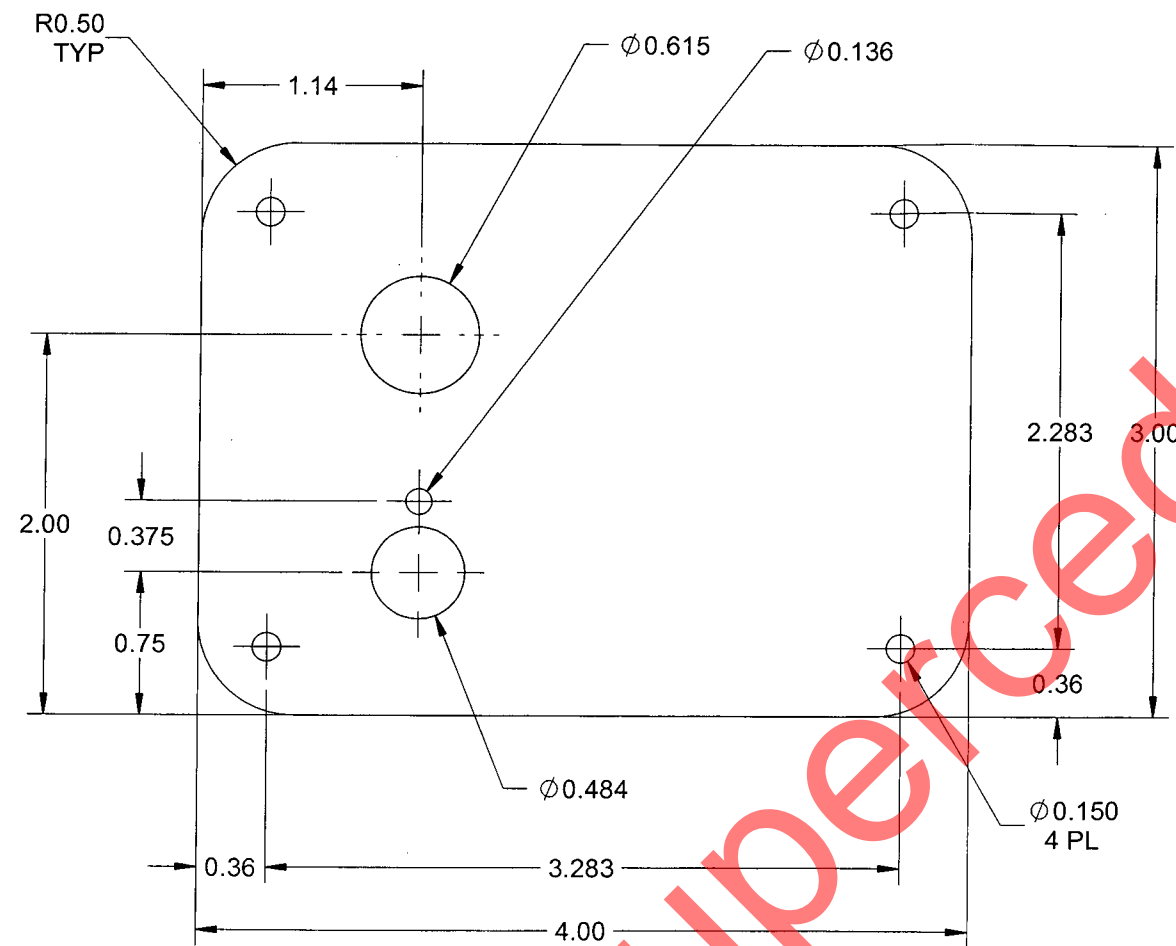
D4410-1 CO-PILOT COLLECTIVE HEAD
DETAIL VIEWS

RELEASED
2011-10-31

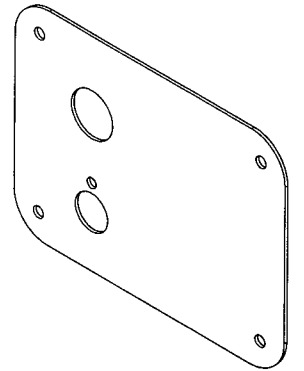
NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A
- 8) ENGRAVE "DART" LOGO AS SHOWN 0.003 - 0.005 DP.

DESIGN	DC	DART AEROSPACE USA, INC.	
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MFG. APPR.	SA	D4410	SHEET 3 OF 7
APPROVED	MD	TITLE	SCALE
DE APPR.	SA	CO-PILOT COLLECTIVE HEAD	NTS
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D4410-3 FACE PLATE

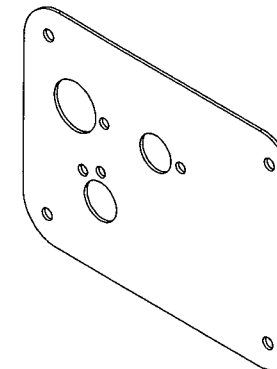
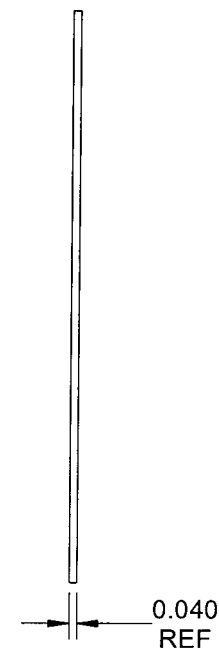
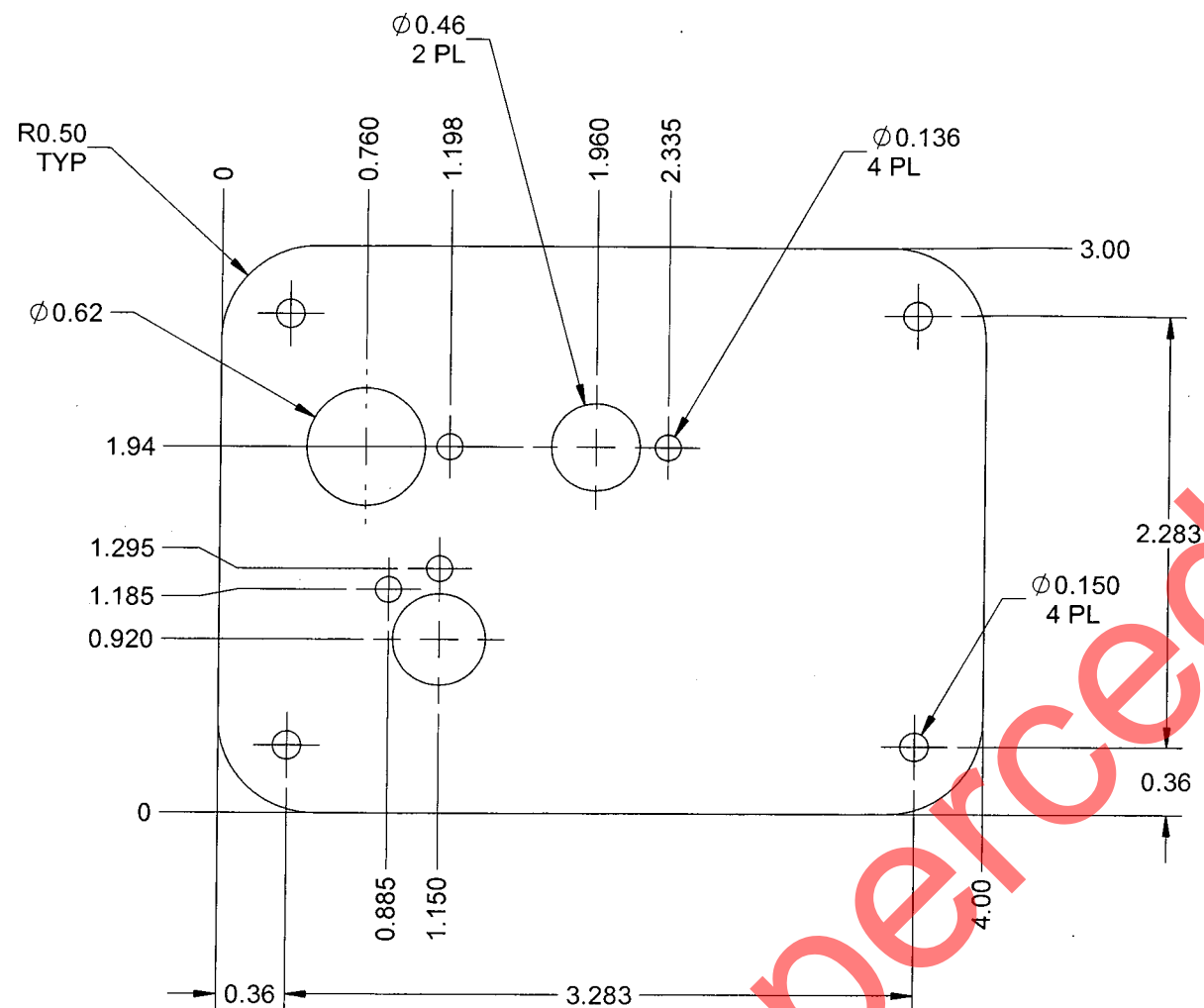


NOTES:

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET, 0.040 THK
QQ-A-250/11 OR AMS-QQ-A-250/11
OR AMS 4025 OR AMS 4027
OR ASTM B209
REF. DART SPEC. M6061T6S.040
- 2) FINISH: ANODIZE BLACK PER MIL-A-8625F TYPE I OR IB OR IC OR II OR IIB CLASS 2
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 0.04 lbs

RELEASED
2011-10-31
WJP

DESIGN	DC	DART AEROSPACE USA, INC. KENT, WA	
DRAWN	DC		
CHECKED	AS	DRAWING NO. D4410	REV. A
MFG. APPR.	WJP	SHEET 4 OF 7	
APPROVED	WJP	TITLE	SCALE
DE APPR.	WJP	CO-PILOT COLLECTIVE HEAD	NTS
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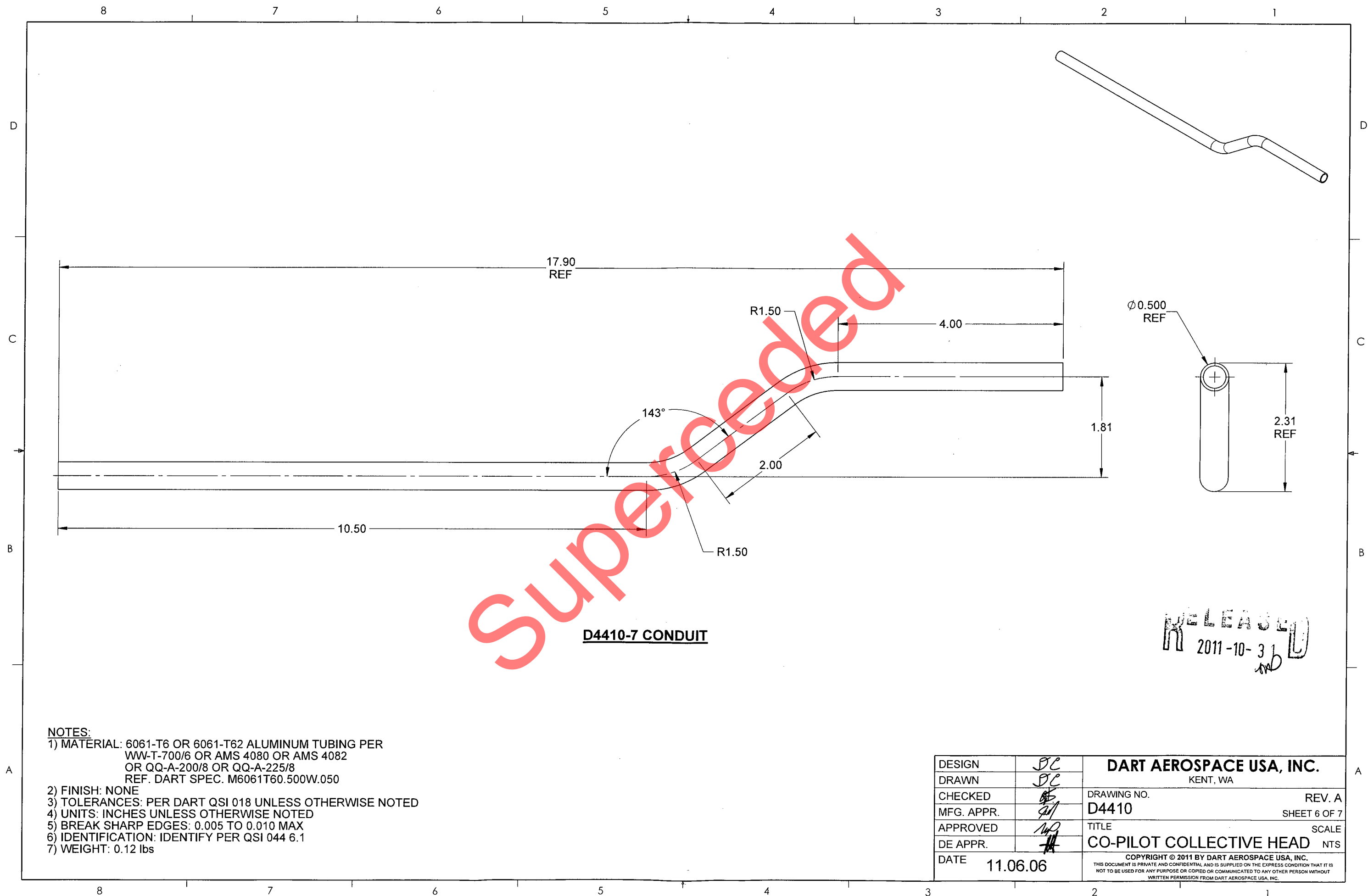
D4410-5 FACE PLATE

NOTES:

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET, 0.040 THK
QQ-A-250/11 OR AMS-QQ-A-250/11
OR AMS 4025 OR AMS 4027
OR ASTM B209
REF. DART SPEC. M6061T6S.040
- 2) FINISH: ANODIZE BLACK PER MIL-A-8625F TYPE I OR IB OR IC OR II OR IIB CLASS 2
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 0.04 lbs

RELEASED
2011-10-31
WMP

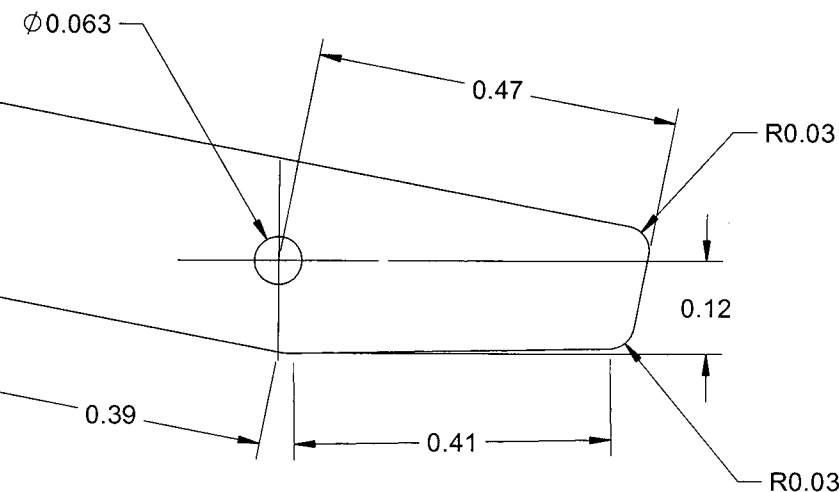
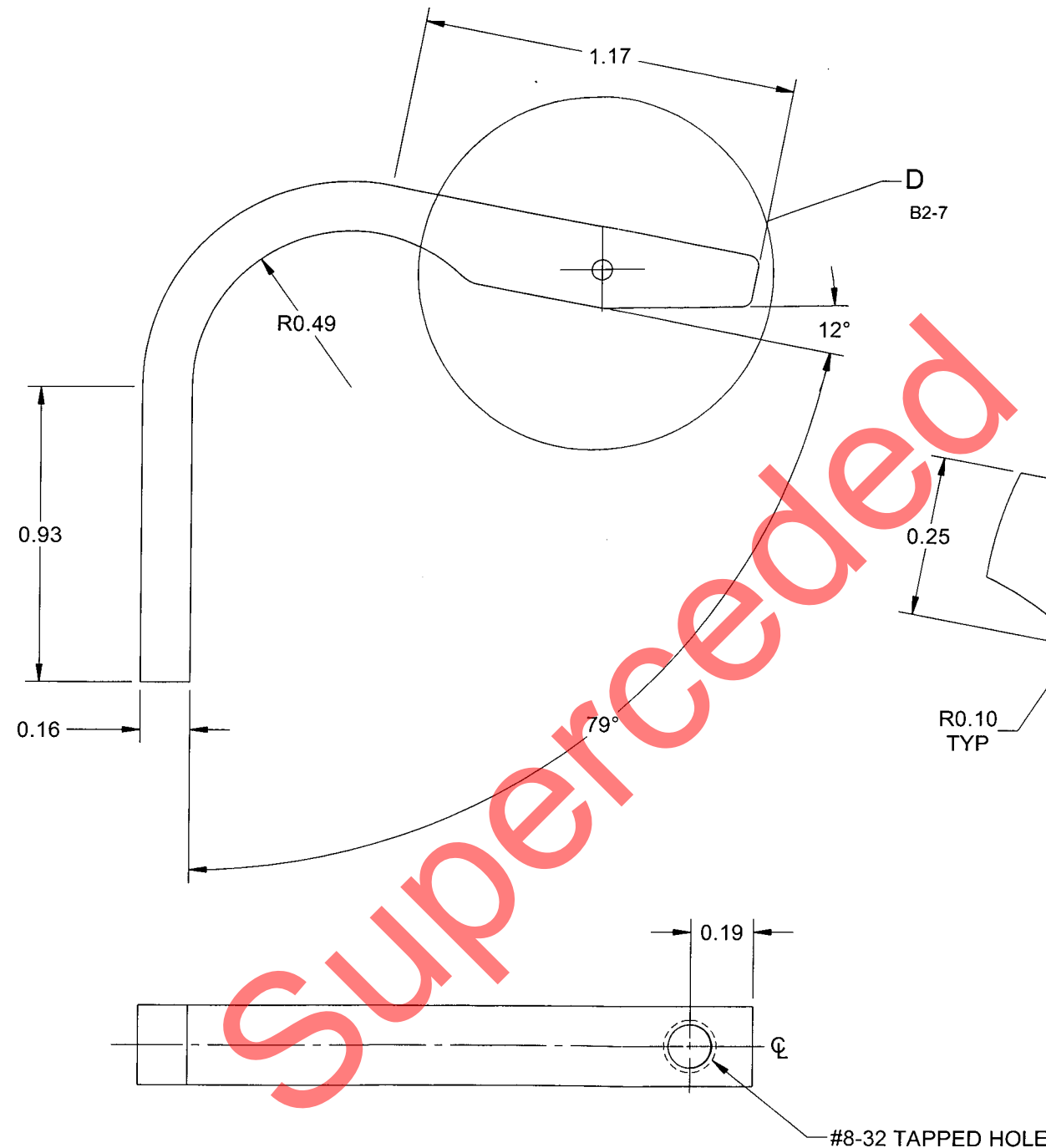
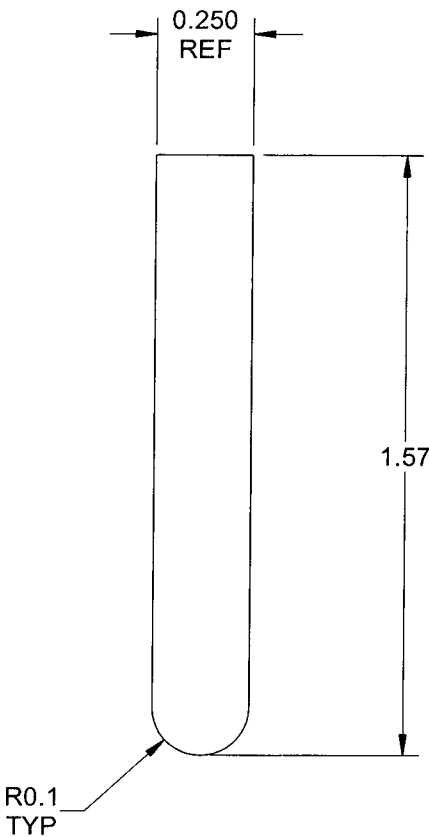
DESIGN	BC	DART AEROSPACE USA, INC.	
DRAWN	BC	KENT, WA	
CHECKED	BC	DRAWING NO.	REV. A
MFG. APPR.	BC	D4410	SHEET 5 OF 7
APPROVED	BC	TITLE	SCALE
DE APPR.	BC	CO-PILOT COLLECTIVE HEAD	NTS
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D4410-7 CONDUIT

- NOTES:**
- 1) MATERIAL: 6061-T6 OR 6061-T62 ALUMINUM TUBING PER
WW-T-700/6 OR AMS 4080 OR AMS 4082
OR QQ-A-200/8 OR QQ-A-225/8
REF. DART SPEC. M6061T60.500W.050
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
 - 7) WEIGHT: 0.12 lbs

DESIGN	DC	DART AEROSPACE USA, INC. KENT, WA	
DRAWN	DC		
CHECKED	AS	DRAWING NO. D4410	REV. A
MFG. APPR.	SA		SHEET 6 OF 7
APPROVED	MD	TITLE	SCALE
DE APPR.	HA	CO-PILOT COLLECTIVE HEAD	NTS
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DETAIL D
SCALE 2X
D4-7

D4410-9 TRIGGER

NOTES:

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET, 0.250 THK
QQ-A-250/11 OR AMS-QQ-A-250/11
OR AMS 4025 OR AMS 4027
OR ASTM B209
REF. DART SPEC. M6061T6S.250
- 2) FINISH: ANODIZE BLACK PER MIL-A-8625F TYPE I OR IB OR IC OR II OR IIB CLASS 2
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 0.01 lbs

RELEASED
2011-10-3
MP

DESIGN	<i>BC</i>	DART AEROSPACE USA, INC.	
DRAWN	<i>BC</i>	KENT, WA	
CHECKED	<i>AS</i>	DRAWING NO. D4410	REV. A
MFG. APPR.	<i>MP</i>	SHEET 7 OF 7	
APPROVED	<i>MP</i>	TITLE	SCALE
DE APPR.	<i>MP</i>	CO-PILOT COLLECTIVE HEAD	NTS
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